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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2
PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 1st September, 1979

CORRIGENDUM

In the Gazette of India, Part III—Section 2 dated the 23rd une, 1979 under the heading "Complete Specification Accepted".—

At page 379

Under No. 146501

Insert the following entry

Application No. 78/Cal/77 filed January 19, 1977.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

26th July, 1979.

770/Cal/79. Oregon Ftablissement Fur Patentverwertung. Hand grenade.

771/Cal/79. Corning Glass Works. High bandwidth optical waveguide having B_2O_3 free core-and method of fabrication.

772/Cal/79. Corning Glass Works. High bandwidth optical waveguides and method of fabrication.

773/Cal/79. Ryazansky Radiotekhnichesky Institut. Device for transmitting information to and receiving information from rotating objects.

774/Cal/79. Ukrainsky Nauchno-Issledovatelsky Institute Mekhanizatsii I Elektrifikatsii Selskogo Khozvaistva. A directional-action mechanical vibrator and a mechanical system for converting rotary motion into reciprocating motion.

27th July, 1979.

775/Cal/79. Davy International (Oil & Chemicals) Limited, (formerly Davy Powergas Limited). Process July 27, 1978).

776/Cal/79 Palitex Project-Company GMBH. Means for the de-activation and re-activation of textile apparatus, more especially to two-for-one spinning spindle or two-for-one twisting spindle.

777/Cal/79. Appalachian Electronic Instruments, Inc., Yarn tension control apparatus.

778/Cal/79. Westinghouse Electric Corporation. Polymerization solutions for depositing optical oxide coatings.

779/Cal/79 Aikoh Co., Ltd. Lance pipe for refining and refining process of molten metal.

780/Cal/79. Kennecott Copper Corporation. Mold assembly and method for continuous casting of metallic strands at exceptionally high speeds.

28th July, 1979.

781/Cal/79 Oldham France S.A. Apparatus for detecting and signalling the presence of a dangerous gas in an atmosphere.

782/Cal/79. Stanadyne, Inc. Fuel injection system delivery valve.

783/Cal/79. D. F. Wood. Apparatus for supporting large-dimension surved reflectors.

30th July, 1979.

784/Cal/79. Union Carbide India Limited. Electric flashlight.

785/Cal/79. Euteco S.p.A. Catalyst supports for the homo or copolymerization of α-olefins.

786/Cal/79. Elektro-Thermit GmbH. Process for fastening cables or the like to the upper side of a work piece of metal and a device for carrying out the process.

787/Cal/79. VEB Gaskombinat Schwarze Pumpe. Apparatus for machining or turning flanges of large dimensions.

788/Cal/79. The Western States Machine Company. Centrifugal basket valve mechanism.

789/Cal/79. Great Canadian Oil Sands, Limited. Destabilization of sludge with hydrolyzed starch flocculands. (August 2, 1978).

31st July, 1979.

790/Cal/79. General Superintendent, C.C.L., Central Workshops, Barkakana. Spiral bevel gear cutting machine.

791/Cal/79. AB Scaniainventor. Burner for a suspension of fine-grained coal in liquid.

792/Cal/79. Dynamit Nobel Aktiengesellschaft. Improved process for the preparation of dimethyl terephthalate.

793/Cal/79. Fabryka Sprzetu Ratunkowego i Lamp Gorniczych FASER. Protective oxygen breathing apparatus.

794/Cal/79. Bunker Ramo Corporation. Identification means for electrocardiographic monitoring instruments or the like.

795/Cal/79. A. Hussain. Rotor assembly.

796/Cal/79. Norton Company. Coated abrasive having brittle agglomerates of abrasive grain.

797/Cal/79. Fichtel & Sachs AG. A derailleur mechanism on a bicycle or the like.

1st August, 1979.

798/Cal/79. A/S N. Foss Electric. A digital refractometer.

799/Cal/79. Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H. A travelling track working machine.

800/Cal/79. Daiichi Denshi Kogyo Kabushiki Kaisha. Miniature switch.

801/Cal/79. The Fertilizer (Planning & Development) India Ltd. The process of manufacture of iron oxide desulphurisation mass containing manganese.

APPLICATIONS FOR PATENTS FILED AT THE (DELHI BRANCH)

16th July, 1979.

510/Del/79. Roccar Holdings (Netherlands Antilies) N.V., "Sterolinhemiesters".

511/Del/79. Solar Holdings S.A., "Solar Energy Collector and System". (October 5, 1978).

512/Del/79. Bharat Heavy Electricals Limited, "A process for Manufacturing Oxygen free Conductivity (Ofhc) Copper".

513/Del/79. Bharat Heavy Electricals Limited, "High Temperature Vacuum Furnace".

17th July, 1979.

514/Del/79. Swaran Lal Bhatia, "Under-water diving-cum-Inspection-Bell".

515/Del/79. Shell Internationale Research Maatschappij B.V., "Novel intermediates in the preparation of cyclopropane-carboxylate esters and process for their manufacture". (July 19, 1978), (19 July, 1978) & (17 August, 1978).

516/Del/79. Shell Internationale Research Maatschappij B. V., "Novel Intermediate in the preparation of cyclopropanecarboxylate esters and process for its manufacture". (July 19, 1978).

517/Del/79. Shell Internationale Research Maatschappij B.V., "Novel Intermediate in the preparation of Cyclopropanecarboxylate esters and process for its manufacture". (July 19, 1978).

518/Del/79. Shell Internationale Research Maatschappij B.V., "Novel Intermediates in the preparation of Cyclopropanecarboxylate esters and process for their manufacture". (July 19, 1978).

519/Del/79. Shell Internationale Research Maatschappij B.V., "Novel Intermediates in the preparation of cyclorpopanecarboxylate esters and process for their manufacture". (July 19, 1978).

520/Del/79. R & M Company, "A Hacksaw".

521/Del/79. Mrs. Tara Bindra, "A process for Improving the properties of a woollen sheet material and an apparatus thereof".

18th July, 1979.

522/Del/79. The General Tire & Rubber Company, "Heat and Humidity Resistant steel Reinforced Tire".

523/Del/79. Dorr-Oliver Incorporated, "Multiple Hydrocyclone Device".

524/Del/79 E. R. Squibb & Sons, Inc., "Mercaptoacyl Derivatives of Substituted Prolines".

20th July, 1979.

525/Del/79. Sterling Drug Inc., "A process for Preparation of aminocyclitol Antibiotics". [Divisional Date February 10, 1976].

526/Del/79. The Johnson Corporation, "Internally Compensated Self-Aligning Rotary Joint".

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

13th July 1979.

203/Bom/79. The Tata Hydro Electric Power Supply Co. Ltd., "Multiple Channel 2-Wire Audio Transmission System".

204/Bom/79. Mrs. Sarojini John, A Solid State Automatic Voltage Regulator.

16th July 1979.

205/Bom/79. Mr. Vijay Gopaldas Thangiani, A Spider Pading.

18th July 1979.

206/Bom/79. M/s. Hindustan Lever Limited, Skin Treatment Compositions. (Convention date 24-7-78, 30871/78 U.K.)

207/Bom/79. Mr. Nand Kishore, A method of manufacturing Aryloxy-Isporortanosis.

19th July 1979.

208/Bom/79. Mrs. Nandini N. Toraskar, An Accessory for Two-Wheeled Vehicles.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

23rd July, 1979.

135/Mas/79. Indian Institute of Science. A Low Voltage Indicator.

24th July, 1979.

136/Mas/79. M. Karunaharan and Swadeshi Cotton Mills. A Process for preparing Water Repelient Cloth and Water Repelient Cloth prepared by the said process.

137/Mas/79. S. Swaminathan. Phase Failure Sensing Relay.

138/Mas/79 Standard Electric Appliances Co. Improvement in or relating to Water Instant Mini Geyser.

25th July, 1979.

139/Mas/79. S. Gopalakrisnna Iyer. Further Details and Modifications in New Design Wet Grinder.

26th July, 1979.

140/Mas/79. M. S. Murty & M. V. J. Murty, Portable Mechanised Automated Acetylene Portmecato-Acetygen Acetylene Gas Generating Machine.

28th July, 1979.

141/Mas/79. Tungabhadra Steel Products Limited. A Solar Water Heater.

ALTERATION OF DATE

146754.
Ante-dated 6th May, 1977.
431/Cal/78.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents or any of the applications concerned at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect or each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Pactnts Rules, 1972.

The classifications given below in respect of each specifications are according to Indian Classification and International Classification.

A limited number of printed copies of the specification listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 66B & 126A. 146740.
Int. Cl-F21l 7/00, G01n 19/00.

TORCH-CUM-LINE TESTER WITH SCREW DRIVER HEAD.

Applicant & Inventor: AMARLAL DEOOMAL JAISINGH, C/O. RAJ ELECTRICALS, 123, HAMMERSMITH INDUSTRIAL ESTATE, OF SITLA DEVI TEMPLE ROAD, MAHM, BOMBAY-400016, MAHARASHTRA STATE, INDIA.

Application No. 335/Bom/77 filed December 20, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

A torch-cum-line tester with screw driver head comprising a hollow cylindrical body covered by a transparent global cover at the front and closed by a metallic cap at the rear the body being provided with a chamber for accommodation of a dry cell, a torch bulb situated at the front of the chamber with its one terminal in contact with one end of the cell and the other terminal in contact with a metallic strip connected through a switch with a spring situated at the rear of the battery chamber to make contact with the other end of the cell, a screw driver blade firmly attached at the head of the said global cover, the blade being in electrically series contact with a second metallic strip, a second spring located behind the battery chamber, a neon type tester lamp, a resistance and the said rear metallic cap, the body of the device being provided with transparent windows for viewing the tester lamp.

CLASS 119A. 146741.
Int. Cl.-D03d 51/00.

NOVEL MEANS FOR REDUCING VARIATION IN CYCLIC SPEED OF MAIN (CRANK) SHAFT OF A LOOM.

Applicant: AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, P.O., POLYTECHNIC AHMEDABAD-380 015, GUJARAT, INDIA.

Inventors: PRADYOMANSINH BALVIRSINH JHALA AND CHITHALOOR GOPALAN VENKATARAMANAN.

Application No. 335/Bom/75 filed November 24, 1975.

Complete Specification left December 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

Means for reducing variation in cyclic speed of main (crank) shaft of a loom comprising a pulley, freely rotatable on a drive shaft, said pulley adapted to be rotated at 2 to 4 times the speed of rotation required for the main shaft of the loom; a planetory gear box with fixed internal gear adapted to be mounted on frame of the loom, internal gear of said gear-box adapted to be mounted at the end of said drive shaft, two main pinions at opposite ends of an arm mounted on driven shaft, said pinions being freely rotatable around their axes and engaging the internal and external gears of the gear box, a clutch means fitted on the drive shaft for starting/stopping the loom, said clutch means comprising a cone adapted to be engaged to or disengaged from said pulley and a brake drum and means to apply brakes to said drum on disengagement of the cone from said pulley.

CLASS 32F b & 55E4. 146742.
Int. Cl.-C12d 9/00.

PROCESS FOR PRODUCING NEOMYCIN FROM A NEW SPECIES OF MICROORGANISM, STREPTOMYCES COLVAENSIS NOV. SP. (CULTURE NO. HPL Z 5398).

Applicant: HOECHST PHARMACEUTICALS LIMITED, HOECHST HOUSE, NARIMAN POINT, 193 BACKBAY RECLAMATION, BOMBAY-400 021, (FORMERLY OF DUGAL HOUSE, BACKBAY RECLAMATION, BOMBAY 20 AND OF RAMON HOUSE, BACKBAY RECLAMATION, BOMBAY 20, MAHARASHTRA, INDIA.

Inventors: DR. BIMAL NARESH GANGULI, DR. SURESH RUDRA NADKARNI AND DR. ANDURANG VITHAL DIVEKAR.

Application No. 61/Bom/76 filed February 21, 1976.

Complete specification left April 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

A process for producing therapeutically active Neomycin which comprises cultivating a strain of *Streptomyces* colvaensis nov. sp. (culture No. HPL Z-5398) by fermentation under aerobic conditions in a nutrient medium containing sources of carbon and nitrogen, nutrient inorganic salts and trace elements as herein described, recovering the Neomycin by a known method such as herein described and purfying the Neomycin so obtained by a known method such as herein described, and if desired, converting the Neomycin into acid addition salts by a known method such as herein described.

CLASS 107K. 146743.
Int. Cl.—F02d7/00.

FUEL CONTROL VALVE.

Applicant: CUMMINS ENGINE COMPANY INC., AT COLUMBUS, INDIANA 47201, U.S.A.

Inventors: GARY LOUISE GANT, MICHAEL DAVIND BREEDEN, JAMES ALFRED STING AND ENWARD DELANO SMITH.

Application No. 300/Bom/76 filed September 1, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims

A fuel control valve for a fuel system supplying fuel at a variable pressure to an internal combustion engine said valve comprising

means defining a housing having a chamber therein and an inlet extending from one end of said chamber to the variable pressure output of said fuel system, said housing means having an outlet connected to a low pressure section of said fuel system

a valve element displaceable in said chamber from a first position in which it prevents flow through said chamber and a second position in which it permits flow there through, said valve element being urged towards said second position by the fuel pressure of said system,

means for yieldably urging said valve element towards said first position,

means for varying the effective area of said valve element exposed to said fuel system pressure from a first area when the valve element is in said first position a to a second and larger area when said valve element is in said second position,

whereby when the pressure in said fuel system exceeds a given first level said valve by passes flow to reduce the pressure thereof, said valves requiring the fuel system pressure to drop to a said second level below said first level before by-pass flow is terminated

CLASS 28C 146744
Int Cl F24c 15/00

STOVE PIN

Applicant & Inventor GOVIND APPAJI UTTURKAR, OF M/S META FEET 2ND FLOOR, FLAT NO 45, BOOT WALA CHAWL, 266, SANEGURUJI ROAD, BOMBAY 400 011, INDIA

Application No 50 Bom/77 filed February 2 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch

8 Claims

A stove pin comprising handle having two arms wherein the upper arm having a flat piece at its one end to hold pin wire when folded, the other arm of the handle being bent like a hook to catch the nipple guide the said arms being covered with a cover to provide a tension control to the handle, the said guide enclosing the nipple of the stove in the recess formed in the guide while pinning the stove

CLASS 62C 146745
Int Cl -D06p 3/00 5/00

IMPROVING DEPTH OF DYEINGS AND PRINTS

Applicant AHMEDABAD TEXTILE INDUSTRYS RESEARCH ASSOCIATION P O POLYTECHNIC, AHMEDABAD-380 015 GUJARAT INDIA

Inventors RAMANLAL CHANDULAL SHAH AND RAMESHCHANDRA KANTILAL SHAH

Application No 306/Bom/77 filed October 20, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Bombay Branch

7 Claims No drawings

A process for improvement of depth of dyeings and prints made with solubilized vat dyes on textiles containing polyester fibre in which the textile is subjected to dyeing/printing by solubilized vat dyes in a single step process fixed and developed in a manner known *per se*, without padding, characterised in that after the development the textile is subjected to heat treatment wherein the temperature of such treatment varies from 140° to 210°C for a period of 6 minutes to 10 second, lower the temperature longer the period of treatment

CLASS 201B & D 146746
Int Cl C02b 3/00

DEVICE FOR SUPPLYING STERILIZER WATER

Application & Inventor RAMESH SETH TRADING AS INTERNATIONAL INDUSTRIES, AT 10, BOMBAY TIMBER MARKET, SIGNAL HILL AVENUE, REAY ROAD, BOMBAY-400010 STATE OF MAHARASHTRA, INDIA

Application No 158/Bom/78 filed May 25, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch

3 Claims

A device for supplying sterilized portable water consisting of an upper chamber having a loosely fitted cover, the said upper chamber having on its base a dome shaped conventional ceramic filter, the said filter being in communication therewithin with a lower chamber, the said lower chamber having means for boiling the water therewithin and having means for drawing water from the said lower chamber

CLASS 5D 146747
Int Cl A01l 12/40, 29/00

IMPROVEMENTS IN OR RELATING TO A CHAFT CUTTER

Applicant JYOTI LIMITED, OF P O CHEMICAL INDUSTRIES INDUSTRIAL AREA, VADODARA 390 003, STATE OF GUJARAT, INDIA

Inventor KANNAIYALAL MANGALDAS PATEL

Application No 310/Bom/77 filed October 22, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch

9 Claims

The chaff cutter comprising a cutter head consisting of plurality of straight knives, a hopper/conveyor into which material to be cut is fed, a pair of feed rollers consisting of fixed lower feed roller and a vertical moveable upper feed roller, the said rollers being adapted to suck in material fed into the said hopper/conveyor and align it on a shear plate for cutting a prime mover for transmitting power to the said cutter head by a belt or chain drive, characterised in that the said power transmission stage between the cutter head and the lower feed roller is provided with a belt tensioning type clutch lever held in position by an auxiliary lever, said auxiliary lever adapted to be actuated to cut off power transmission to the lower feed roller by releasing the clutch lever

CLASS 69 J 146748
Int Cl H01p 1/00

LOW VOLTAGE VACUUM SHORTING SWITCH AND METHOD OF MANUFACTURING THE SAME

Applicant WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER PITTSBURGH PENNSYLVANIA 15222, UNITED STATES OF AMERICA

Inventor ROBERT MACQUIRE HRUDA

Application No 2240/Cal/76 filed December 22, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

10 Claims

A low voltage vacuum shorting switch having contact surface area large enough for switching the low DC voltage, for an electrolytic cell across which the switch is connectable, which switch comprises an insulative body ring, a pair of cylindrical conductive support posts aligned along the insulative ring longitudinal axis which posts pass through and are circumferentially sealed to the inner perimeter of the respective annular members through which the posts passes planar contact disposed at each inwardly extending end of the support posts which contacts are spaced apart within the evacuated switch when the switch is open, which contacts are brought into contact by axial relative movement of the support posts, planar mounting plates at opposed switch ends, with centraliz-

ed apertures through the mounting plates and with the respective support posts extending through the mounting plate aperture and the support post is brazed to the mounting plate, and characterized by a pair of thin flexible annular members, the outer perimeter of each annular member sealed to opposed ends of the insulative body ring, which annular members are disposed substantially in a direction normal to the longitudinal axis of the body ring, and in which the annular member has a plurality of annular corrugations formed therein.

CLASS 69D & J. 146749.
Int. Cl.-S02k 1/00.

ELECTROMAGNETIC ACTUATORS.

Applicant : LUCAS INDUSTRIES LIMITED, FORMERLY OF WELL STREET, BIRMINGHAM B19 2XF, NOW OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Inventor : ALEC HARRY SEILLY.

Application No. 2264/Cal/76 filed December 24, 1976.

Convention date January 22, 1976/(02523/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An electromagnetic actuator comprising first and second relatively movable support members said members each having a surface which is presented to but spaced from the surface of the other member, electrical conductors mounted on said surfaces respectively, each of said conductors defining a portion disposed in side by side relationship with the portion defined by the other conductor whereby when electric current is passed through the conducotrs the magnetic fields generated about said portions of the conductors interact to cause attraction or repulsion depending on the direction of current flow in the conductors.

CLASS 194$_{00}$a. 146750.
Int. Cl.-H01j 61/00.

METHOD FOR PRODUCING A LOW-PRESSURE GAS AND/OR VAPOUR DISCHARGE LAMP.

Applicant : N. V. PHILIPS' GLOEILAMPENFABRIEKEN, AT EMMASINGEL, EINDHOVEN, NETHERLANDS.

Inventors : JOHANNES VAN ESDONK, JAN HASKER AND JOHANNES CORNELIS GERARDUS VERVEST.

Application No. 130/Cal/77 filed January 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A method for producing a low-pressure gas and/or vapour discharge lamp having a tubular discharge vessel in which a body comprising filaments of a solid material permeable to the gas discharge is disposed, characterized in, that in a funnel shaped space, whose constricted end is connected to the tubular discharge vessel, coherence is given to the filaments by means of a gas stream while being whirled around in said funnel shaped space said filaments being thrown off from rotating molten glass whereafter the cohered filaments are sucked into the discharge vessel.

CLASS 174F & G. 146751.
Int. Cl.-H02k 5/24.

VIBRATION DAMPER FOR A ROTOR.

Applicant : ULTRA CENTRIFUGE NEDERLAND N.V., OF SCHEVENINGSEWEG 44, THE HAGUE, THE-NETHERLANDS.

Inventors : WALTHERUS JOSEPHUS THOMAS HERMANUS LUYTEN, PIETER JOHANNES ALBERTINUS DE BAKKER AND WILLEM HENDRIK TAZEAAR.

Application No. 301/Cal/77 filed March 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Vibration damper comprising a damping vessel, which damper serves for attenuating vibrations of a rotor which is supported by one or more bearings and which revolves rapidly about its axis, one bearing being connected to a damping element which can move against radial restoring forces and which, surrounded by a damping slot, is arranged inside the damping vessel filled with damping medium, his bearing being so connected to the damping vessel that it can perform axial displacements, the damping element being connected to the bottom of the damping vessel by means of at least one thin rod which can resiliently move aside radially, characterized in that the damping element is provided with at least one flat, metallic ring which freely protrudes at least in part and which is rigidly attached to this damping element, coaxially with and perpendicularly to the axis of rotation of the rotor, this ring being arranged at least locally in a magnetic field whose field direction is transverse to the plane of the ring.

CLASS 32F$_{45}$b. 146752.
Int. Cl.-C07f 9/00, C07d 31/24.

PROCESS FOR THE PREPARATION OF DIETHYL 2-PYRIDINE THIONOPHOSPHONATE.

Applicant : STAUFFER CHEMICAL COMPANY, OF WESTPORT, CONNECTICUT 06880, UNITED STATES OF AMERICA.

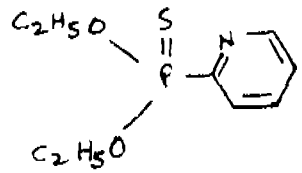
Inventors : LELAND STANTON PITT, GEORGE BLACKMORE LARGE AND ALAN ANGUS MACDONALD.

Application No. 1338/Cal/77 filed August 29, 1977.

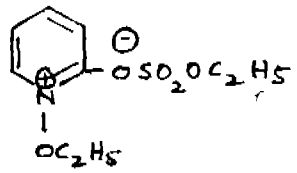
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing diethyl-2-pyridine thionophosphonate having the structural formula shown in Fig. 1.



comprising reacting diethyl hydrogen thionophosphonate with N—ethoxypyridinium ethosulfate having the structural formula shown in Fig. 2.



in the presence of a solvent, preferably tetrahydrofuran, at a temperature of between 5 and 10°C.

CLASS 40F & 47C. 146753.
Int. Cl.-C10f 3/02, 3/20, 3/46.

PROCESS AND DEVICE FOR GAS PRODUCTION FROM SOLID FUELS.

Applicant : PROJEKTIERUNG CHEMISCHE VERFAHRENSTECHNIK GMBH., OF GRABENSTRASSE 5, D-4000 DUSSELDORF, WEST GERMANY.

Inventors : DR. WILHELM FLESCH, KARL HEINZ BRACHTEAUSER AND DR. -ING. WALTER KAIMANN.

Application No. 1359/Cal/77 filed September 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A process for producing gas by gasifying fuels while feeding gasification media such as hereinbefore described, characterised in that solid fuel with portions of different particle size is fed into a fluidised bed gasification region, said fuel contains, besides such portion which are adapted to be gasified in the fluidised bed greater lump portions, such fuel is separated in the fluidised bed into lumps, granules and dusty portions, the lumpy fuel portion is gasified in counter current with gasification media in a lower region of the overall process in a stationary bed, the granular portion is gasified in the fluidised bed region above the stationary bed region, and the dusty portions are gasified in an upper region of the process in a dust gasification region, such, that all portions of different particle size are gasified in a single overall process combining three gasification regions, wherein gasification media, such as hereinbefore described, is fed to each of the three gasification regions

CLASS 32A$_2$ 146754
Int Cl-C09b 47/04, 62/00

PROCESS FOR THE PREPARATION OF PHTHALOCYANINE COMPOUNDS

Applicant HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor HERTMUT SPRINGER.

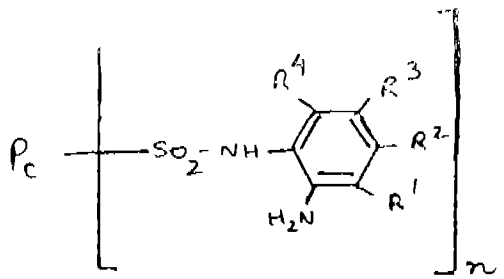
Application No 431/Cal/78 filed April 20, 1978

Division of Application No 673/Cal/77 filed May 6, 1977

Appropriate office for opposition Porceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

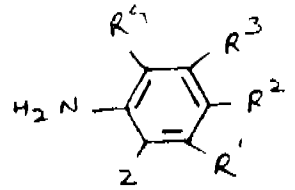
A process for the preparation of a phthalocyanine compound of the general formula (I)



including the salts thereof, in which PC is the copper, cobalt or nickel phthalocyanine radical which may be substituted by substituents selected from the group halogen, phenyl, sulfo, sulfonamide, sulfonamde mono- or disubstituted by lower alkyl, N-arylsulfonamide and N-arylsulfonamide N-substituted by lower alkyl, R^2, R^3, R^1 and R^4 are the same or different and each represents a hydrogen atom, a halogen atom, a lower alkyl group which may optionally be substituted, or represents an aryl or a lower alkoxy group which may be substituted in the alkyl radical, or an aryloxy, carboxy, carbonamide group or a carbonamide group which is mono- or disubstituted by lower alkyl groups, or is an arylcarbonamide group, a cyano or carbalkoxy group having 2 to 5 carbon atoms, an alkanoyloxy group of 2 to 5 carbon atoms a lower alkenylsulfonyl group, a lower alkyl sulfonyl group optionally being substituted in the alkyl radical, or an arylsulfonyl, sulfo, sulfonamide, N-(lower alkyl) sulfonamide group optionally being substituted in the alkyl radical, or a N N-di (lower alkyl)-sulfonamide group optionally substituted in the two alkyl radicals, or a trifluoromethyl or nitro group or a lower alkylsulfonyl-amino group optionally substituted in the alkyl radical, or a N (lower alkyl) alkylsulfonylamino group whose lower alkyl radical present at the sulfonyl group may be substituted or an alkanoylamino or alkenoylamino group having 2 to 5 carbon atoms each a benzoylamino group optionally substituted by -1 or 2 substituents selected from the group chlorine, lower alkyl, lower alkoxy sulfo, sulfonamide carboxy, N-mono (lower alkyl)-sulfonamide and sulfonamide N, N-disubstituted by lower alkyl, or is an arylsulfonyl-amino group or an alkanoyl group of 2 to 5 carbon atoms or R^3 and R^4 together form the group NH CO NH for all that at least one of the radicals R^1, R^2, R^3 and R^4 stands for hydrogen, and n is a number of from 1 to 4, which comprises reacting 1 mol of a phthalocyanine sulfo-chloride of the general formula (II)

$$PC—(SO_2Cl)_m$$

in which PC is defined above and m is identical with n according to the definition of the latter given above is greater than n however, 4 at the most, with m mols of an amine or less than m mols, however, with at least 1 mol of an amine of the general formula (III)



in which R^1, R^2, R^3 and R^4 are as defined above and Z is an acylamino group, such as a lower alkanoylamino or benzoylamino group and deacylating the acylamino group to form the amino group by conventional method, and hydrolozing in usual manner in the presence of an acid-binder at a temperature up to 100°C, simultaneously in the condensation or deacylation reaction steps or subsequently to them, the sulfonyl chloride groups which may still be present, into sulfonic acid groups

CLASS 61A 146755.
Int Cl F26b 3/08.

FLUIDIZED BED DRYING PROCESS FOR POROUS MATERIALS

Applicant DORR-OLIVER INCORPORATED, OF 77 HAVEMEYER LANE, STAMFORD, CONNECTICUT 06904 UNITED STATES OF AMERICA.

Inventors WALFRED WILHELM JUKKOLA, AND RICHARD ERNEST SVENCER.

Application No 245/Del/77 filed September 21, 1977
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims

A fluidized bed drying process for moist, porous, particulate materials such as herein described comprising the steps of, providing a body of fine particulate solids composed of said moist, porous materials heating a gas to an elevated temperature, passing a major portion of said hot gas through said body of particulate solids to fluidize same and establish in the fluidized body a temperature suitable for low-temperature drying whereby large quantities of moisture are evaporated from said fluidized body, introducing a second smaller portion of said hot gas directly into the freeboard region above said fluidized bed in a volume sufficient to maintain in said freeboard region a temperature adequate for low-temperature drying so that the moisture associated with fine particles elutriated from said fluidized body is subjected to evaporation and the particles thus continue to dry in said freeboard region

CLASS 180 146756
Int Cl-F24c 5/04

AN INSULATED STOVE.

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG NEW DELHI-1, INDIA.

Inventors PREM NATH BHAMBI, SATISH KUMAR KHANNA

Application No 333/Del/77 filed October 22, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Delhi Branch

2 Claims

An insulated stove comprising an oil container with a lid, a wick or pressure burner connected to the oil container lid, perforated outer and inner sleeves resting upon the burner and providing a combustion space in between the perforated sleeves from where flame and products of combustion come

out when the wicks are lighted, a heat conserving metallic ring around the burner and resting on the lid characterised in that a non-inflammable insulation consisting of asbestos, glass wool refractory or such other non-inflammable materials is provided inside or outside the heat conserving ring.

CLASS 182D. 146757.
Int. Cl.-C13d 3/00.

A PROCESS FOR MANUFACTURE OF SUPERFINE REFINED SUGAR FROM SECOND AND LOWER GRADE MASSECUITES.

Applicant : THE MAHARASHTRA SUGAR MILLS LIMITED, INDUSTRIAL ASSURANCE BUILDING, CHURCHGATE, BOMBAY-400 020.

Inventor : SHRI VAJAPEYAM SURYANARAYANA RAO.

Application No. 396/Bom/76 filed November 11, 1976.

Complete Specification left November 9, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

11 Claims. No drawings.

A process for manufacture of superfine refined sugar from second and lower grade massecuites obtained in the normal cane sugar factory process for vacuum pans after removal of first grade material which comprises the steps of :

(a) taking the said massecuites through crystallisers and centrifugals where the sugar crystal is separated;

(b) dissolving the sugar so obtained in pure steam condensate in a melter and maintaining the sugar melt at the same temperature;

(c) treating the said sugar melt with lime solution, phosphoric acid and sulphur dioxide in a reaction tank;

(d) filtering the said sugar melt through filter presses to get clear snow white sparkling sugar solution (melt);

(e) boiling and crystallising the said filtered sugar melt in vacuum pan, the boiling being continued with successive charges of melt until the pan is full of sugar crystals; and

(f) finally introducing the said crystals in centrifugals from which the sugar is collected in hopper and dried in the usual manner;

CLASS 49E & I & 50A. 146758.
Int. Cl.-A47j 41/00.

VACUUMISED KITCHEN WARE.

Applicant & Inventor : RAJGOPAL SRINIVAS IYER, OF B/62, SEEMA APARTMENTS, BULLOCK ROAD, BANDRA, BAND STAND, BOMBAY-400050. MAHARASHTRA STATE, INDIA.

Application No 51/Bom/77 filed February 2, 1977.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

A vacuumised kitchen ware made up of metal sheets to keep the temperature of foodstuff unchanged for a considerable period essentially comprising a vacuum walled pot and a tight fitting insulated lid, the said vacuum walled pot consisting of two walls—an inner wall and an outer wall—having a space in between them and the two walls being sealed together at the edge, the said space is completely vacuumised through a vacuum pipe provided externally by the side of the vessel which is being later sealed after vacuumisation; wherein the inner wall is made out of thinner gauge sheet material and the outer wall is made of thicker gauge sheet material.

CLASS 154D & 208. 146759.
Int. Cl.-B41k 1/00.

IMPROVEMENTS IN OR RELATING TO PAD CONTAINING INK FOR STAMPING.

Applicant & Inventor : HARI BHAGAT, OF 21/6, HADAPSAR INDUSTRIAL ESTATE, HADAPSAR, PUNE 411 0013 STATE OF MAHARASHTRA, INDIA.

Application No. 179/Bom/77 filed June 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims. No drawings.

A pad containing ink for stamping comprising of a pad placed in a metal, wooden or plastic receptacle; said pad comprising a jacket surrounding the said pad, all surfaces of the jacket except the stamping surface being made of rexine; a layer of animal wood placed at the base, a layer of compressed felt placed above the layer of animal wood, a layer of viscose rayon placed above said layer of compressed felt; a thin perforated sheet of plastic placed above layer of viscose rayon; the said plastic sheet being covered by a poplin cloth gauze which form the stamping surface.

CLASS 39B & 40F 146760.
Int. Cl.-C01d 7/00.

IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF SODA ASH.

Applicant : DHRANGADHRA CHEMICAL WORKS LIMITED, OF NIRMAL, 3RD FLOOR, 241 BACKBAY RECLAMATION, NARIMON POINT, BOMBAY 400-021, STATE OF MAHARASHTRA, INDIA.

Inventors : JAI GOPAL JAIN AND AMITENDU GUPTA.

Application No. 9/Bom/78 filed January 5, 1978.

Complete specification left August 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims. No drawings.

In the solvay ammonia process for the manufacture of soda ash, an improvement consisting of the addition of pure inorganic solid sodium salt of the ammonical brine beyond the saturation stage, prior to or during carbonation.

CLASS 90H & J. 146761.
Int. Cl.-C03b 19/00.

AN IMPROVED PROCESS FOR MANUFACTURING TRANSPARENT SOLID SPHERICAL GLASS BEADS.

Applicant : HALDYN GLASS WORKS PVT. LTD., OF WESTERN EXPRESS HIGHWAY, GOREGAON (EAST), BOMBAY-400063, MAHARASHTRA, INDIA.

Inventor : BASRUR JAGANNATH HEGDE.

Application No. 10 Bom/78 filed January 5, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims. No drawings.

An improved process for manufacturing transparent solid spherical glass beads comprising :

(i) powdering glass of the kind described and carbonaceous material of the kind described

(ii) seiving the glass powder and the carbonaceous material powder

(iii) heating the mixture of glass powder and the carbonaceous material powder above the liquidus temperature

(iv) cooling the mixture of glass powder and the carbonaceous material powder

(v) separating the carbonaceous material powder by seiving

(vi) washing the glass beads

(vii) drying the glass beads between 100 degree and 110 degree C.

(viii) grading the glass beads by seiving characterised in that the glass powder and the carbonaceous material powder are dried betwen 100 and 110 degree C separately or together prior to heating the mixture thereof above the liquidus temperature.

CLASS 114D. 146762.
Int. Cl.-C14c 3/00.

A PROCESS FOR THE PREPARATION OF AN IMPROVED TANNING AGENT FROM TANNING EXTRACTS.

Applicant : BASF INDIA LIMITED, OF MAYBAKER HOUSE, SUDAN KALU AHIRE MARG, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventor : PULUGURTHA HANUMANTA RAO.

Application No. 24/Bom/77 filed January 18, 1977.

Complete specification left January 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims. No drawings.

A process for the preparation of an improved tanning agent comprising :

(i) dissolving tanning extract in water to form a solution

(ii) heating the solution between 50° and 90°C

(iii) cooling the solution to room temperature.

(iv) treating the solution with sodium sulphite and sodium bisulphite

(v) heating the solution between 50° and 90°C

(vi) cooling the solution to room temperature

(vii) adding light fast synthetic tanning such as "Basyntan-P", dispensing agent based on naphthalene sulphonic acid condensation product with formaldehyde, sequestering agent based on ethylenediamine tetra acetic acid and preservative such as herein described to the solution;

(viii) heating the solution between 50° and 90°C

(ix) cooling the solution to room temperature

(x) adjusting the pH of the solution, if required, between 3.8 and 6.5 with an acid such as herein described

(xi) filtering the solution, if required

(xii) and drying the solution, if required in a known manner such as herein described.

CLASS 68E & 113-I. 146763.
Int. Cl.-B60q 1/08.

IMPROVEMENTS IN OR RELATING TO CIRCUITS FOR HEAD LAMPS AND THE LIKE IN VEHICLES.

Applicant & Inventor : BHALCHANDRA SHANKAR MANKE, M. A. COLLEGE OF TECHNOLOGY, BHOPAL 462 007, STATE OF MADHYA PRADESH, INDIA.

Application No. 371/Bom/76 filed October 21, 1976.

Complete Specification left January 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims

An improved circuit for head-lamps of magneto powered vehicles comprising a head-lamp connected to one of the stator coils of the magneto; a transformer circuit, the primary of which is connected to at least one of the remaining stator coils in the magneto; the secondary being connected in series with the head-lamp circuit, the circuit being such that the transformer circuit boots the voltage supplied to the head-lamps; means for automatically reducing the voltage of the secondary of the transformer when the combine voltage in the head-lamp circuit exceeds the rated voltage of the head-lamp due to operation of the engine at high speed.

CLASS 53C. 146764.
Int. Cl.-B60k 17/00.

IMPROVEMENTS IN OR RELATING TO CYCLE RICKSHAW.

Applicant & Inventor : VINAYAK SAMBASHIO AGLAWEY, BEHIND HANUMAN TEMPLE, AT POST : AHIRI, TAHSIL, SIRONCHA, DISTT. CHANDRAPUR, (MAHARASHTRA)—INDIA.

Application No. 193/Bom/76 filed June 22, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A cycle rickshaw of the type having two fore-wheels and two rear wheels with passengers seats on the rear wheels and driver's seat along with side seat behind the front wheels, wherein the driving mechanism for driving the rickshaw consists of one crank-shaft fitted on chassis with ball bearings both the ends on which one gear-free-wheel, crank-wheel and big heavy wheel on ball bearing, provided connection and disconnection arrangement of the wheel with the crank-shaft, is fitted in front of the carriage, provided in front of the said driver's seat one rock driving pedal kept in connection below with gear-free-wheel, clutch and foot brake pedal stearing wheel two rods at the hand of the driver, provided gear-box with two sprocket chain wheels fitted on cross-member, towards clutch system sprocket chain wheel is connected with chain to the crank-wheel and the second sprocket chains wheel is connected with chain to the sprocket chain wheel of the rear wheels shaft and the rear wheels shaft is fitted on the springs with ball bearings.

CLASS 119D. 146765.
Int. Cl.-D03d 47/00.

A WEFT-INSERTING NEEDLE FOR SHUTTLELESS WEAVING LOOMS.

Applicant : SOCIETE ALSACIENNE DE CONSTRUCTIONS MECANIQUES DE MULHOUSE, OF 1, RUE DE LA FONDERIE, 68054 MULHOUSE CEDEX, FRANCE.

Inventor : YVES JUILLARD.

Application No. 1376/Cal/76 filed August 2, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A drawing needle for a shuttleless weaving loom of the type comprising a controlled-opening nipper, the said nipper being such as to comprise a stationary jaw in the form of a hook rigidly fixed to the needle as well as a pivotal moving jaw which is urged by elestic restoring means against the stationary jaw and rigidly fixed to a projecting lever which is intended to cooperate with a stationary opening-control member when the needle is located in the vicinity of its end of travel outside the shed, the said moving jaw being provided at its extremity with a pallet which is applied against the internal flank of the said hook, the said needle being characterized in that the top surface of the said pallet is inclined at an angle with respect to the flank of the hook at least in the closed position of the nipper, the said angle being open towards the rear of the needle and such as to form an angle of nipping of the weft thread between the said stationary jaw and the said moving jaw.

CLASS 190A. 146766.
Int. Cl.-F01d 1/00.

CONTROL SYSTEM FOR A THERMAL POWER PLANT.

Applicant: BBC BROWN, BOVERI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

Inventor: ARTHUR OBERLE.

Application No. 1639/Cal/76 filed September 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A control system for a thermal power plant having a steam generator and one or more steam turbines, each of which is provided with at least one steam pipe having a control valve and also control means to maintain a constant pressure in the steam generator, in which the pressure in the steam generator acts on an I-action controller (22) and the pressure source (10, 11) immediately before the control valve (7 or 8) acts on a P-action or PD-action controller (18) through pressure transducer (13 or 14) arranged between pressure source (10, 11) and the said controller (18) and the output signals of these controllers (18, 22) are added together by a summing device (24), the output of which is actively linked to the control valve (7 or 8).

CLASS 65A* & A*. 146767.
Int. Cl.-H02m 7/00.

A.D.C. to A.C. CONVERTER.

Applicant: SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventor: LOVRO VUKASOVIC.

Application No. 1677/Cal/76 filed September 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A d.c. to a.c. converter including an inverter having a smoothing choke at its input side and the inverter comprising controllable rectifier elements in bridge connection and an auxiliary commutating device for said controllable rectifier elements connected across the d.c. input of the inverter, the auxiliary commutating device itself comprising further controllable rectifier elements in bridge connection and a capacitor included in an a.c. diagonal thereof the auxiliary commutating device being arranged for operation without any source of current other than a main d.c. supply for the converter as a whole.

CLASS 32C & 40F. 146768.
Int. Cl.-C07b 29/02, C12k 1/00.

METHOD FOR THE TREATMENT OF BIODEGRADABLE MATERIAL.

Applicant: DUNLOP PLANTATIONS LIMITED, AT 6TH FLOOR, 47-48, PICCADILLY, LONDON W1V 9AH, ENGLAND (FORMERLY AT ALLINGTON HOUSE, 136-142 VICTORIA STREET, LONDON SW1E 5LD, ENGLAND).

Inventors: RODERICK NORMAN GREENSHIELDS AND STEPHEN DAVID PANNELL.

Application No. 1048/Cal/77 filed July 8, 1977.

Convention date July 22, 1976/(53702/74/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

42 Claims.

A method of treating biodegradable organic material with a micro organism which is capable of digesting at least a part of it for the preparation of biomass in which a liquid medium containing the material is caused to flow upwardly through an upright working chamber which has an aspect ratio of not less than 3 : 1, flocculent micro-organism capable of digesting at least a part of the biode-gradable organic material being grown in the working chamber and gas comprising oxygen being introduced into the chamber to enable the micro-organism to grow, characterised in that the micro-organism is predominantly flocculent throughout the chamber, and the resultant mixture of treated medium, gas and surplus micro-organism produced by digestion of the biodegradable material is discharged through a common outlet at the top of the chamber.

CLASS 143D, & D*. 146769.
Int. Cl.-B65d 65/40.

PACKAGING MATERIAL AND PACKS MANUFACTURED THEREFROM.

Applicant: KONINKLIJKE EMBALLAGE INDUSTRIE VAN LEER B. V., OF AMSTERDAMSEWEG 206, AMSTELVEEN, THE NETHERLANDS.

Inventor: BEREND LOUIS VISSER.

Application No. 1546/Cal/77 filed October 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Packaging material consisting of a laminate of a plastic foil with a stiffer material foil, such as a metal foil, characterised in that the laminate at one side consists of two orientated polyolefin foils joined together (cross linked) one above the other in such a way that the respective directions of orientation extend at an angle to each other and that within the laminate the binding forces between the stiffer material foil and the orientated polyolefin foil adhered to it are greater than the binding forces between the two orientated polyolefin foils.

REFUSAL OF PATENTS WITHOUT OPPOSITION (SECTION 27)

Application for Patent No. 143035 (1039/77) dated the 10th June, 1977 made by Smt. Sunanda Das Gupta has been refused under Section 27 of the Patents Act, 1970.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 141522 (earlier numbered as 2537/Cal/74) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 19th March, 1977 has been corrected to read as "Process for preparing prills from an urea melt containing monoammonium phosphate and urea prills obtained by such process", under Section 78(3) of the Patents Act, 1970.

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 143424 (earlier numbered as 294/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 26th November, 1977 has been corrected to read as "Electronic regulator for magnetorque device of an excavator and an excavator incorporating it", under Section 78(3) of the Patent Act, 1970.

The title of the invention in the applicaiton and specification as well as opening description of the specification of application for patent No. 143433 (earlier numbered as 103/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 26th November, 1977 has been corrected to read as "An electric smelting furnace", under Section 78(3) of the Patents Act, 1970.

The title in the application and specification as well as opening description of the specification of application for Patent No. 143594 (earlier numbered as 488/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 31st December, 1977 has been corrected to read as "Rotary valve apparatus", under Section 78(3) of the Patents Act, 1970.

The title of the invention in the application and specification and as well as opening description of the specification in respect of Patent Application No. 143708 (earlier numbered

as 1401/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 21st January, 1978 has been corrected to read as "A false twisting unit, a method of manufacturing twistless yarn using such unit and a method of application of colouring dyes to twisted yarn using the same unit", under Section 78(3) of the Patents Act, 1970

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No 144076 (earlier numbered as 1079/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th March, 1978 have been corrected to read as "A method of preparing a coating composition for improving the hot corrosion resistance of a coating", under Section 78 (3) of the Patents Act, 1970

The title in the application, specification and also opening description of the specification of application for Patent No 144288 (earlier numbered as 1706/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 22nd April, 1978 has been corrected to read as "An abrasive tool for grinding and a method of fabricating it", under Section 78(3) of the Patents Act, 1970

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No 144291 (earlier numbered as 1639/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 22nd April, 1978 has been corrected to read as "Electric motor and an electric power generator incorporating it", under Section 78(3) of the Patents Act, 1970

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No 144935 (earlier number as 1453/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 29th July, 1978 have been corrected to read as "Process for decontaminating cracking catalyst and a process for the catalytic cracking of hydrocarbons using such a catalyst", under Section 78(3) of the Patents Act, 1970.

The title of the invention in the application and specification as well as the opening description of the specification of patent application No 145028 (earlier numbered as 89/Cal/77) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 12th August, 1978 has been corrected to read as "An absorbent product such as sanitary napkins and diapers and a method for its manufacture", under Section 78(3) of the Patents Act, 1970

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No 145079 (earlier numbered as 1900/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 19th August, 1978 have been corrected to read as "An electrically conductive sealing element and an electromagnetic radiation shield incorporating it", under Section 78(3) of the Patents Act, 1970

PATENTS SEALED

141274 143323 143509 143516 143584 143669 143748 143846 143892 143948 144098 144099 144128 144207 144210 144401 144482 144522 144776 144796 144843 144847 144904 144915 145038 145040 145200 145206 145228 145232 145233 145262 145272 145363 145370 145377 145378 145385 145401 145411 145417 145464 145465 145471 145475 145479 145523 145524 145528 145541 145547 145548 145549 145580 145583 145592 145597 145600 145602 145605 145610 145616 145632 145636 145644 145654 145655 145656 145658 145673 145723 145733 145749 145786.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970 The dates shown in the crescent brackets are the dates of the Patents

No & Title of the Invention
137451 (5-6-73) Process for producing 2-hydroxymethyl 3-phenyl 4(3H) quinazolines
137452 (1-10-73) A process for the preparation of 2, 10-dichloro-12-methyl 12H-dibenzo [α, 9] [1, 3] dioxocine derivatives
137454 (29 10-74) Process for the manufacture of 6 10(—) α aminophenylaceta-midolpenicillanic acid
137481 (5 10 72) Method and apparatus for processing granular and other material
137545 (20 10-72) Process for preparation of readily dispersible pigments
137620 (2-1-73) Improvements in or relating to the preparation of alkylvinyl ethers.

RENEWAL FEES PAID

94635 95023 95132 95137 95179 95624 95635 96509 97133 99819 100762 100890 100918 100919 100935 101082 101110 101133 101399 101574 101651 101691 101735 101850 105911 106060 106118 106604 106618 106735 106736 106889 106933 106948 107144 107149 107150 107219 108156 111713 111762 111764 111791 111800 111829 111831 111855 111856 111886 111907 112077 112096 112112 112146 112168 112553 115035 115091 116509 116856 117018 117039 117055 117070 117088 117148 117150 117165 117182 117277 117385 117394 117424 117428 117453 117478 117533 117779 118411 120032 121427 122093 122246 122305 122336 122337 122508 122512 122513 122556 122608 122690 122721 122722 122818 122834 122845 122847 122850 122891 122919 123019 123100 123144 124018 124019 124357 124455 126852 127493 127494 127524 127607 127609 127637 127838 127869 127904 127912 127960 127997 128004 128043 128045 128068 128082 128107 128138 128172 128182 128187 128198 128231 128269 128276 128385 128546 128566 129066 129539 132323 132355 132505 132551 132556 132557 132567 132573 132588 132608 132621 132648 132659 132690 132736 132741 132782 132832 132834 132835 132836 132935 133022 134738 135439 135463 135545 135654 135670 135687 135727 135754 135872 136123 136176 136230 136237 136262 136387 136468 136519 136573 136614 136653 136715 136804 136856 136923 137136 137276 137513 137591 137689 138141 138172 138345 138705 138752 138773 139206 139212 139475 139539 139610 139646 139701 139784 139791 139928 140047 140048 140049 140347 140349 140445 140481 140612 140702 140721 140736 140859 140874 140886 140976 141008 141017 141180 131233 131278 141418 141469 141764 141767 141768 142125 142237 142238 142397 142507 142518 142528 142606 142699 142708 142727 142891 142907 143086 143123 143206 143282 143442 143454 143461 143482 143503 143569 143601 143662 143822 143982 144005 144020 144127 144135 144157 144189 144228 144231 144257 144258 144271 144274 144283 144293 144296 144301 144313 144341 144366 144543 144561

CESSATION OF PATENTS

106663 107015 114840 120228 131767 139798 139918 140745 140873 141369 142011 142267 142477 142669.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 147962. Maharashtra Furniture Works, a Registered Indian Partnership Firm, at 75, Kumbharwada 4th Lane, Bombay-400 004, Maharashtra, India. "Chair". January 16, 1979.

Class 1. No. 147968. Fenelec Limited (a company incorporated under the provisions of Indian Companies Act) of Hind-light House, Subhas Road, Jogeshwar (East), Bombay-400 060, State of Maharashtra, India. "High mast lighting fitting". January 17, 1979.

Class 3. No. 147865. Prince Plastics, 312, Churchgate Chambers, 5, New Marine Lines, Bombay-400 020, Maharashtra State, an Indian Partnership Firm "Tiffin-cum-water carrier". December 21, 1978.

Class 3. No. 147901. Bombay Burma Plastics, an Indian Partnership Firm of 119, Adhyaru Industrial Estate, Sun Mill Road, Lower Parel, Bombay-400 013, Maharashtra, India. "Plastic torch". December 28, 1978.

Class 3. No. 147902. Tirmizi & Co., an Indian Partnership Firm at 2nd Floor, Dubash Market, 369, Memon Street, Bombay-400002, Maharashtra, India. "Photo viewer". December 28, 1978.

Class 3. No. 147904. Tata Engineering and Locomotive Company Limited, of Bombay House, 24, Homi Mody Street, Fort, Bombay-400023, Maharashtra, India, an Indian Company "Phototachometer". December 30, 1978.

Class 5. No. 147886. T D K Electronics Co. Ltd., a Japanese Corporation, of No. 13-1, Nihonbashi 1-Chome, Chuo-Ku, Tokyo, Japan. "Case for a magnetic tape magazine". December 27, 1978.

Class 10. No. 147881. Cotex Hosiery Factory, Acme Estate, C-6, 2nd Floor, Sewri (East), Bombay-400015, Maharashtra, an Indian Partnership Firm. "Head belt". December 26, 1978.

Class 10. 147967, VYN Footwear (a partnership firm duly registered under the Act) of 57-A, Government Industrial Estate, Kandivli, Bombay-400067, State of Maharashtra, India. "Footwear". January 17, 1979.

S. VEDARAMAN
Controller-General of Patents, Designs and Trade Marks.

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